

MATERIAL SAFETY DATA SHEET

NPCA 1-72

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

LY 4186

DATE OF PREP. 8/77

DPM 5405

Section I

Primer, Black Epoxy

MANUFACTURER'S NAME Fuller-O'Brien Division - The O'Brien Corporation

STREET ADDRESS 450 East Grand Ave. CITY, STATE, AND ZIP CODE South San Francisco, Ca. 94080

EMERGENCY TELEPHONE NO. (415) 761-2300

PRODUCT CLASS

MANUFACTURERS CODE IDENTIFICATION

162-B-4

TRADE NAME Black Primer Base Component

Section II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	TLV		LEL	VAPOR PRESSURE
		PPM	mg/m ³		
Methyl Ethyl Ketone	30-35	200		1.8	70
Toluene	10-15	200		1.0	25
Cellosolve	5-10	200		1.8	3.8
Cyclohexanone	5-10	50		1.1	10
Xylene	5-10	100		1.1	10
Propylene Oxide	<5	100		2.1	400

Section III - PHYSICAL DATA

BOILING RANGE 90-395°F. VAPOR DENSITY ☒ HEAVIER, ☐ LIGHTER THAN AIR

EVAPORATION RATE ☐ FASTER ☒ SLOWER THAN ETHER PERCENT VOLATILE BY VOLUME 70-75% WEIGHT PER GALLON 9 Pounds

Section IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Paint Liquid-Flammable Liquid FLASH POINT 24°F. LEL 1.5

EXTINGUISHING MEDIA

CO₂, Foam or Dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, sparks, flame and electrical equipment. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces.

SPECIAL FIRE FIGHTING PROCEDURES

Do not use water stream on burning liquids. Water may be used to cool closed containers and prevent pressure buildup.

Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 165 ppm

EFFECTS OF OVEREXPOSURE

Nausea, dizziness, possible skin or eye irritation, irritation to respiratory tract, headache, confusion, unconsciousness, or coma.

EMERGENCY AND FIRST AID PROCEDURES Ingestion: Contact physician immediately.

Inhalation: Remove to fresh air — Restore breathing, use oxygen if necessary.

Eye Contact: Contact a physician. Flush with plenty of water for 15 minutes.

Get medical attention.

Skin Contact: Wipe off with a rag and wash thoroughly with soap and water.

Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

photochemically reactive

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Extinguish sources of ignition. Ventilate to prevent build up of vapors. Soak up with sawdust or similar inert material.

WASTE DISPOSAL METHOD — Discard in sealed metal container away from heat and flame in accordance with local regulations.

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Use respirator or mask to avoid breathing vapor or spray mist. Use air supplied respirator for work in confined areas.

VENTILATION

Local exhaust or open air sufficient to keep LEL and TLV below acceptable limits.

PROTECTIVE GLOVES — If needed to prevent skin contact.

EYE PROTECTION — Safety glasses or goggles recommended.

OTHER PROTECTIVE EQUIPMENT

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store upright in sealed containers away from heat or flame.

OTHER PRECAUTIONS

Keep container tightly sealed when not in use.

Do not pour into unmarked container.

Keep out of the reach of children.